**YSI EXO1 Field Operation - QuickGuide**

MassDEP Watershed Planning Program

CN 004.34 (updated 5/9/23)

# Initial

* Hold blue storage cup and loosen **(do not separate)** black tension ring by turning COUNTERCLOCKWISE to remove storage cup from probe.
* Press power button to turn on EXO
* (If the Handheld does not connect: check the physical connection, check the battery.)

# Select User ID

* Press “**Handheld**”
* Scroll down to “**User ID**” (selected user will be in brackets, E.G.: “UserID [Medeiros]”)
* Select “**User ID [last name]** and press **Enter**
* Select desired ID and press **Enter**
* Select “**Select [last name]**” and press **Enter**

# Calibrate Depth

* Calibrate depth BEFORE placing in water
* Hold the sonde in a horizontal position, just above the water surface
* Press the “**Calibrate**” button, select depth and press **Enter**
* Select calibrate and press **Enter**
* Check to make sure calibration value is 0.000 wait to make sure reading is stable (green checkmark appears at the right-hand corner of the graph)
* Press **Enter** to accept calibration.
* Press “**Escape**” to return to **Setup** Screen

# Site Selection

* On **Home** Screen select “**Start Logging**” and press **Enter**
* Do **NOT** hit “**Start Now!**” yet!
* Scroll down to “**Site**” (current selected site will be in brackets E.G.: “Site ID [52-0756]”
* Select **Site[site ID]** andpress **Enter**
* Select desired Site and press **Enter**
  + **If a site needs to be added** that is not in the list, select “**add new**” and press **Enter**
  + Enter new site ID using virtual keyboard, scroll down to “enter” bar on keyboard and press **Enter**
  + **IMPORTANT** Scroll down and select “**Save**”, press **Enter**
  + You can now select this as the site ID and press **Enter**

# Turn on Auto Stable

* Press “**Handheld**” to return to setup screen.
* On **Setup** Screen scroll to “**Auto Stable**” (should read “Auto Stable [On]), press **Enter**
* Screen should read “**Auto Stable**” at top
* Scroll down to “**Start Auto Stable**”, press **Enter**
* “**Auto Stable in Progress**” should be displayed at the bottom of the screen.
* Auto stable is complete when the “**Auto Stable in Progress**” no longer at the bottom of the screen.

# Begin Logging

* To begin logging press **Enter** on the keypad to “**Start Logging**”
* Double check that the desired Site is selected
* Select “**Start Now!”** and press enter to start logging
* The logger will start logging at 15 second intervals (note the start time and log for 2 minutes)

# Stop Logging

* (Press any key to wake up the screen if it has dimmed.)
* To stop logging select “**Stop logging**” and press **Enter**

# Review Data

* To review data Hit “**Data**” button
* Select “**View Data**” and press **Enter**
* Scroll to “**Show Data**”, press **Enter**
* Data will be displayed on screen
* Press the down arrow on the keypad to scroll to the last line of stored data
* Read back the Sample (OWMID) in the file when you review the data so that the person writing it down can double check it
* Write this last line of data to appropriate spaces on field sheet

# Move to Next Site

* Turn off handheld unit
* Place blue cup back on sonde and tighten ring to secure to bulkhead
* Coil the cable neatly, and put instrument back in carry case